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# Technical specifications

Version 1.35

Model: **BGM22002F**      Class: **Uniblock GM**

## Technical data

Characteristics	M.U.	Value
Working temperature	°C	-15 ÷ -25
Starting mode		Direct
Voltage	Volt-Ph-Hz	400/3N~/50
Rated input	kW*	1.40
Rated input	Amp*	4.00
Peak current	Amp	27.0
Max current	Amp	5.6
Refrigerant		R404A
Defrost		Hot gas
Mass	Kg	80

## Compressor

Type		Hermetic
Nominal power	kW	1.5

## Condenser

Air flow	m³/h	1200
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## Evaporator

Air flow	m³/h	1200
Air throw	m**	4

PED Category		0
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## Power data

Tc °C	Ta °C	P watt	P Kcal/h	V120 m³	V100 m³	V80 m³
-15	20	2376	2043	26	23	20
	25	2237	1924	23	20	18
	30	2098	1804	21	19	16
	35	1958	1684	18	16	14
	40	1819	1564	17	15	13
-20	45	1681	1446	15	13	12
	20	2031	1747	19	17	15
	25	1905	1638	17	15	13
	30	1779	1530	16	14	12
	35	1654	1422	15	13	12
-25	40	1528	1314	13	12	10
	45	1400	1204	11	9.8	8.6
	20	1682	1447	15	13	12
	25	1571	1351	13	12	10
	30	1459	1255	12	11	9.4
-25	35	1347	1158	10	8.9	7.8
	40	1234	1061	9	8	7
	45	1123	966	7.7	6.9	6

## Calculation of the refrigerating power and volume

Ta	<input type="text" value="35.0"/>	°C
Tc	<input type="text" value="-18.0"/>	°C
PF	<input type="text" value="1,776"/>	Watt
	<input type="text" value="1,527"/>	Kcal/h
V120	<input type="text" value="16.0"/>	m³
V100	<input type="text" value="14.0"/>	m³
V80	<input type="text" value="12.0"/>	m³

\* When normally running: -20 ÷ +30°C

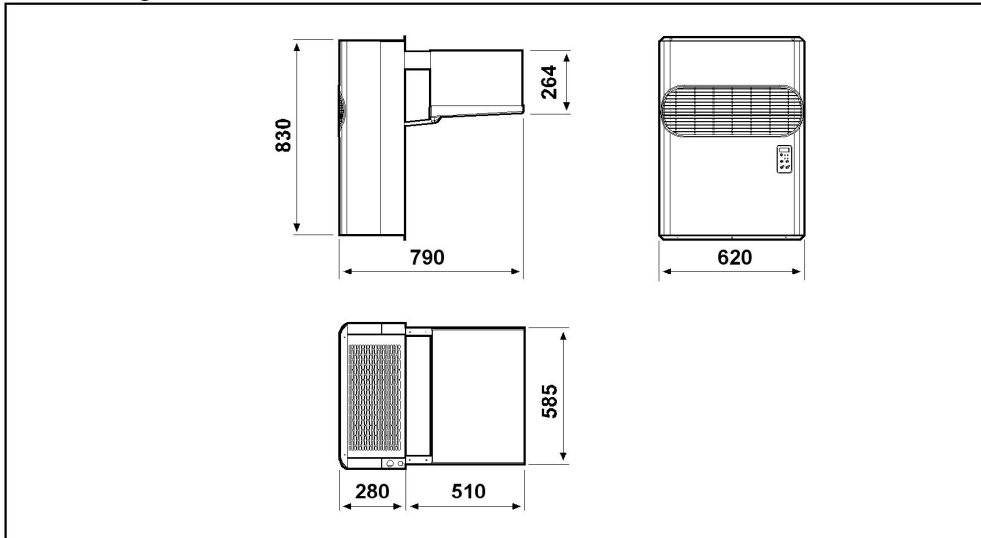
\*\* Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Tc: Coldroom temp. - Ta: External temp.

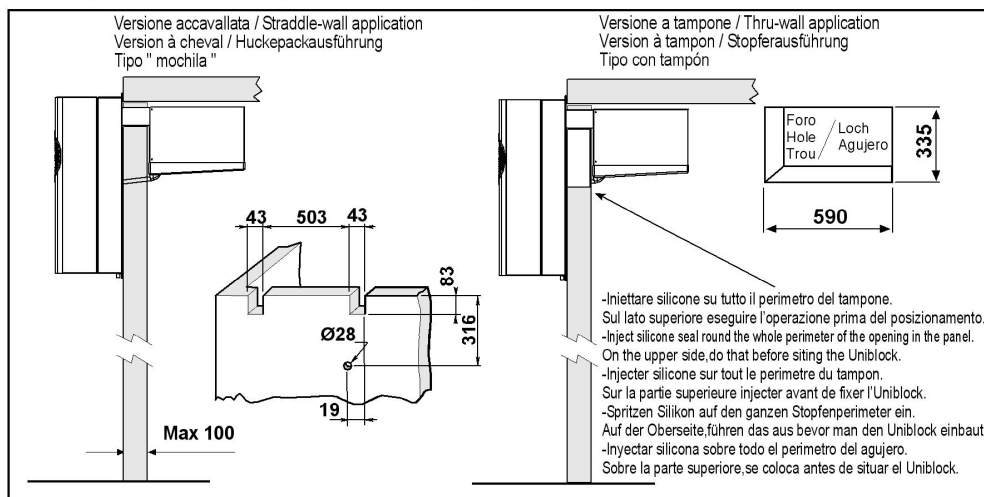
P: Refrigerant capacity - V: Recommended cold-room volume

Dimensioni - Dimensions - Dimensions  
Abmessungen - Dimensiones

**GM2**

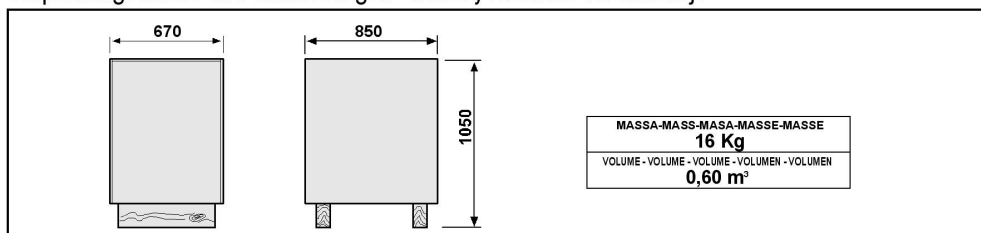


Schema di montaggio - Mounting scheme - Schema de montage  
Montageschema - Esquema de montaje



- \* Raccomandazioni in sede di installazione e per il controllo fornite sul manuale di installazione
- \* To be advised at time of order for factory installation and operating instructions
- \* Recommendations au moments d'installations et pour le contrôle fournis sur le manuel d'installation
- \* Empfehlungen für die Installationsphase und zur Kontrolle, die im Handbuch zur Installation enthalten sind
- \* Por cuanto respecta a recomendaciones de instalación y control ver manual de instalación

Massa e misure imballi - Packing mass and dimensions - Masse et dimensions emballages  
Verpackungsmasse und-abmessungen - Masa y medidas del embalaje



**ZANOTTI S.p.A.**